

ABSTRACT

METHODS FOR MAPPING THE CHROMOSOMAL LOCI OF
GENES EXPRESSED BY A CELL

The invention provides novel methods to map the location and measure the expression of some or all the genes expressed by a cell using array-based nucleic acid hybridizations. The use and applicability of the invention includes identification of tissue specific genes and identifying different tissue types during growth and development. The methods also can be used to identify genes expressing abnormal types of transcripts or abnormal levels or transcripts. Thus, the invention can be used to identify genes encoding transcripts associated with disease processes, such as cancer.

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